GOVERNMENT OF INDIA
OCEAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:2289
ANSWERED ON:04.12.2001
NATURAL RESOURCES FROM SEA
AVSM, BRIG.(RETD.) KAMAKHYA PRASAD SINGH DEO

Will the Minister of OCEAN DEVELOPMENT be pleased to state:

(a) whether the Government have adopted some new technology to harness natural resources from sea;

(b) if so, the details thereof; and

(c) the manner in which this technology has been developed ?

Answer

MINISTER FOR OCEAN DEVELOPMENT (DR. MURLI MANOHAR JOSHI)

(a) to (c): Development and adoption of technologies for harnessing natural resources from the sea is an ongoing process.

The technologies being currently developed/tested by various institutes/National laboratories funded by the Department of Ocean Development include

i) development of integrated mining system with ocean bed crawler for sea bed mining.
ii) floating ocean thermal energy conversion (OTEC) plant of 1 MW capacity for harnessing ocean thermal energy.

In addition, the Central Drugs Research Institute, Lucknow along with other nine institutes is working on development of drugs like antidiabetic, antdiarrhoeal etc. from marine flora and fauna.

For development of sub-systems/components of ocean bed crawler and OTEC plant there has also been collaboration with Universities/Institutions/ Laboratories abroad in Japan & Germany. The total system design and fabrication have however been done in house.